

FcZero-rAb® Human Mesenchymal Stem Cell Basics Panel

Catalog Number: PK30060

产品介绍

间充质干细胞（MSCs）是一类多能基质细胞，具备自我更新能力，并可分化为多种细胞类型。MSCs在多种机体组织中广泛存在。根据国际细胞治疗协会（ISCT）于2006年提出的多能间充质细胞最低定义标准，MSCs应表达CD105、CD73和CD90，且不表达CD45、CD34、CD14、CD11b、CD79a、CD19及HLA-DR等表面分子。此外，MSCs还表达其他细胞表面标志物，如CD29、CD44、CD146和CD166。本试剂盒专用于研究人源MSCs，包含间充质干细胞谱系混合抗体以及MSCs阳性标志物CD44、CD90、Endoglin/CD105和CD73的抗体。

产品成分

Fluorochrome (ex/em)	Catalog No.	Size	Target	Clone	Isotype	Description
Coralite Plus 488 (493 nm/522 nm)	CL488-FcA65608	100 tests	CD44	F10-44-2	Rabbit IgG	Positive marker for Mesenchymal Stem Cells
Coralite Plus 647 (654 nm/674 nm)	CL647-FcA98126	100 tests	CD90	241290B2	Rabbit IgG	Positive marker for Mesenchymal Stem Cells
PE-Cyanine7 (496, 565 nm/778 nm)	PY7-FcA98013-2	100 tests	Endoglin/CD105	241196D9	Rabbit IgG	Positive marker for Mesenchymal Stem Cells
PE (496, 565 nm/578 nm)	PE-FcA65564	100 tests	CD73	AD2	Rabbit IgG	Positive marker for Mesenchymal Stem Cells
Coralite Plus 405 (399 nm/422 nm)	PK31002	100 tests	Lineage Cocktail (CD45, CD34, CD14, CD11b, CD19, HLA-DR)	241670E10, 242069A6, 230332D7, ICRF44, 4G7, L243	Rabbit IgG	Negative markers for Mesenchymal Stem Cells

包装规格

保存条件

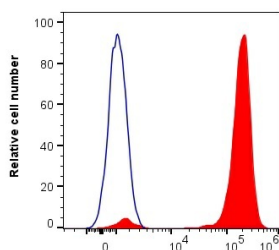
使用方法

100 tests

保存缓冲液：含有0.09% Na₃和0.5% BSA的PBS。
保存条件：2-8℃保存，避光。发货后一年内保持稳定。

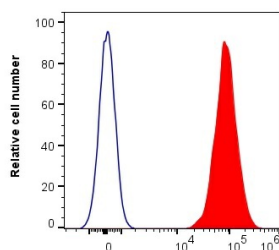
[FcZero-rAb® Human Mesenchymal Stem Cell Basics Panel Datasheet and User Guide](#)
[Flow-Cytometry-Cell-Surface-Staining-Protocol](#)

Validation Data



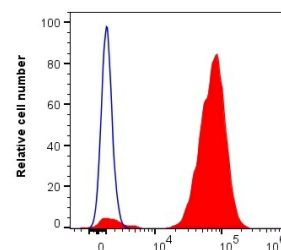
CL488-FcA65608(CD44),with isotype control

用FcZero-rAb® Human Mesenchymal Stem Cell Basics Panel (PK30060) 对 1×10^6 人类间充质干细胞进行染色。直方图显示CD44的表达(红色)以及同型对照(蓝色)。细胞未固定。



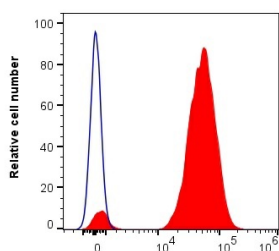
CL647-FcA98126(CD90),with isotype control

用FcZero-rAb® Human Mesenchymal Stem Cell Basics Panel (PK30060) 对 1×10^6 人类间充质干细胞进行染色。直方图显示CD90的表达(红色)以及同型对照(蓝色)。细胞未固定。



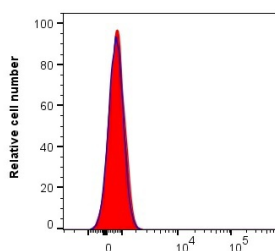
PY7-FcA98013-2(CD105),with isotype control

用FcZero-rAb® Human Mesenchymal Stem Cell Basics Panel (PK30060) 对 1×10^6 人类间充质干细胞进行染色。直方图显示Endoglin/CD105的表达(红色)以及同型对照(蓝色)。细胞未固定。



PE-FcA655649(CD73),with isotype control

用FcZero-rAb® Human Mesenchymal Stem Cell Basics Panel (PK30060) 对 1×10^6 人类间充质干细胞进行染色。直方图显示CD73的表达(红色)以及同型对照(蓝色)。细胞未固定。



CL405 FcZero-rAb® Neg CKTL, with isotype control

用FcZero-rAb® Human Mesenchymal Stem Cell Basics Panel (PK30060) 对 1×10^6 人类间充质干细胞进行染色。直方图显示CD45、CD34、CD14、CD11b、CD19、HLA-DR (PK31002, lineage cocktail) 的表达(红色)以及同型对照(蓝色)。细胞未固定。

For technical support and original validation data for this product please contact

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.